



HYDE COUNTY

COMPREHENSIVE TRANSPORTATION PLAN COMMITTEE MEETING

Date: February 28, 2011

Time: 5:00 pm

Location: Government Center

30 Oyster Creek St., Swan Quarter, NC



TABLE OF CONTENTS

MEETING AGENDA.....	5
CTP PRESENTATION.....	7
HIGHWAY FACILITY CLASSIFICATIONS.....	10
SAMPLE ADOPTION MAP.....	11
SAMPLE HIGHWAY MAP.....	12
SAMPLE RAIL/TRANSIT MAP.....	13
SAMPLE BICYCLE MAP.....	14
SAMPLE PEDESTRIAN MAP.....	15
EXAMPLE VISION & GOALS STATEMENT.....	17
EXAMPLE PUBLIC ONLINE SURVEY.....	19
EXAMPLE PUBLIC PAPER SURVEY.....	22

AGENDA – MEETING
HYDE COUNTY COMPREHENSIVE TRANSPORTATION PLAN
COMMITTEE
5:00 PM—GOVERNMENT CENTER, SWAN QUARTER
MONDAY – FEBRUARY 28, 2011

A. INTRODUCTIONS

B. COMMITTEE UPDATE

1. Status of Committee members to be added
2. Discuss regular meeting time

C. CTP PRESENTATION

1. NCDOT Presentation - CTP Process/Review

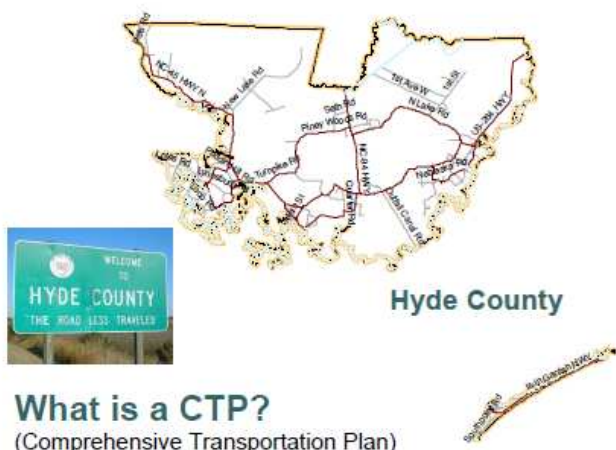
D. DISCUSSION OF ROADWAYS AND OTHER FACILITIES TO STUDY

1. Evaluate roadway map
2. General input regarding roads and modes of travel for study

E. NEXT MEETING

1. Vision and Goals Statement
2. Public Survey

F. ADJOURN



What is a CTP? (Comprehensive Transportation Plan)

- A **long-range, multi-modal** transportation plan
- Developed cooperatively with NCDOT, the Albemarle Rural Planning Organization (RPO), and representatives from the county
- Incorporates **local interests**, community goals, and **statewide needs** in one common plan
- Comes at **no cost** to the county
- **Not** maintenance related



What is a CTP? (Comprehensive Transportation Plan)

- Adopted/endorsed at 3 levels – local (county/municipalities), regional (MPO/RPO), and state (NCDOT)
 - Board of Transportation mutually adopts the CTP, making it the ultimate plan for guiding future decisions – see GS 136-66.2
- Time frame of 18-24 months
- CTP recommendations are concepts and still requires an environmental analysis, design and safety standards



Updated Long Range Planning Process



Relationship Between Plans



Components of a CTP

- Adoption Sheet
- Maps
 - Highway
 - Public Transportation and Rail
 - Bicycle
 - Pedestrian
- Technical Report



Components of a CTP

- Recommendations
 - For each mode
 - All roads from the Modeled Roadways network are studied
 - Existing, Needs Improvement, Recommended
 - Highway categories broken down further:
 - Freeways, Expressways, Boulevards, Other Major Thoroughfares, Minor Thoroughfares

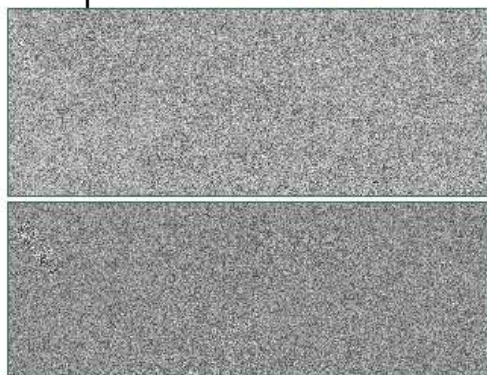


Benefits of a CTP

- Data and projections are in place to **support projects**
- Incorporates **local priorities and input**, community goals, and **statewide goals**
 - County and towns are updated multiple times throughout the process
 - Input from all parties provides the best chance for a plan that can satisfy everybody's goals
- Anticipates and addresses **future traffic** demand
- Well-informed public
- Corridor protection** for future growth needs



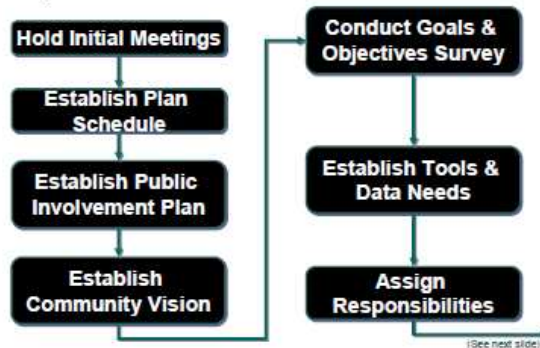
Corridor Protection



Benjamin Parkway (Greensboro) protected corridor in 1981

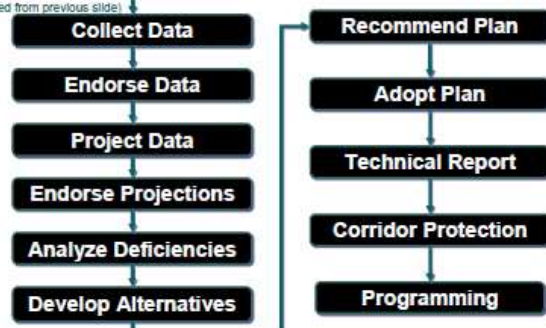
Benjamin Parkway after construction in 1990

Transportation Planning Process



Transportation Planning Process

(Continued from previous slide)



More Info / Contact Info

Hyde County CTP Website:
<http://www.ncdot.gov/doh/preconstruct/tpb/planning/hydeco.html>

Lauren Nicholls
 Transportation Engineer I
 NCDOT TPB
 (919) 733 - 4705
lnicholls@ncdot.gov

Scott Walston
 Triangle Unit Supervisor
 NCDOT TPB
 (919) 733 - 4705
swalston@ncdot.gov

Steven Lambert
 Planning Director
 Albemarle Commission
 (252) 426-5753
slambert@albemarlecommission.org
 More info at www.ncdot.org/~tpb



More Info / Contact Info

Hyde County CTP Website:

<http://www.ncdot.gov/doh/preconstruct/tpb/planning/hydeco.html>

Lauren Nicholls
Transportation Engineer I
NCDOT TPB
(919) 733 – 4705
lnicholls@ncdot.gov

Scott Walston
Triangle Unit Supervisor
NCDOT TPB
(919) 733 – 4705
swalston@ncdot.gov

Steven Lambert
Planning Director
Albemarle Commission
(252) 426-5753
slambert@albemarlecommission.org
More info at www.ncdot.org/~tpb

Highway Facility Classifications

5 Classifications

- Freeway
- Expressway
- Boulevard
- Other Major and Minor Thoroughfares



Based on the following features:

- Speed Limit
- Medians
- Access
- Traffic Signals

Freeway Facility



US 74 Near Waynesville



US 264 East of I-95

- **Purpose:** High Mobility, Low Access
- **Speed Limit:** 55mph or greater
- **Cross Section:** Minimum 4 Lanes with a Median
- **Connections:** Provided only at Interchanges; All Cross Streets are Grade-Separated
- **Driveways:** Not Allowed
- **Traffic signals:** Not Allowed
- **Examples:** I-40, I-95, US 64 from Rocky Mount to Williamston, US 1 from Raleigh to Sanford

Expressway Facility



US 221 (Marion Bypass)



US 220 in Rockingham County

- **Purpose:** High mobility, Low to Moderate Access
- **Speed Limit:** 45 to 60 mph
- **Cross section:** Minimum 4 Lanes with a Median
- **Connections:** Provided only at Interchanges (Major Cross Streets) and At-Grade Intersections (Minor Cross Streets)
- **Driveways:** Limited in Location and Number, Right-in/Right-out only
- **Traffic Signals:** Not Allowed
- **Examples:** US 117 north of I-40, US 74 just east of I-277 in Charlotte, US 221 (Marion Bypass), US 64 in Apex

Boulevard Facility



US 70 East of Goldsboro



Cary Parkway

- **Purpose:** Moderate Mobility, Low to Moderate Access
- **Speed Limit:** 30 to 55mph
- **Cross section:** Minimum 2 Lanes with Median
- **Connections:** At-Grade Intersections for most Major and Minor Cross Streets
- **Driveways:** Allowed – Primarily Right-in/Right-out; Consolidation and Sharing Access is encouraged
- **Traffic Signals:** Allowed
- **Examples:** US 1 (Capital Boulevard) in Raleigh, NC 55 (Holly Springs Bypass), US 70 from Clayton to Garner

Major/Minor Thoroughfares



US 441 South of Dillsboro



US 13 North of Ahoskie

- **Purpose:** Moderate to Low Mobility, High Access
- **Speed Limit:** 25 to 55mph
- **Cross section:** Minimum 2 Lanes; No Median; Includes All Facilities with a Two Way Left Turn Lane
- **Connections:** are at-grade intersections
- **Driveways:** Allowed with Full Movements; Consolidate or Share Access when possible
- **Traffic Signals:** allowed
- **Examples:** NC 86 north of Hillsborough, US 64 in Siler City, US 70 in Kinston, NC 168 in Currituck County

Adopted by:

Pamlico County

Date: November 2, 2009

Town of Alliance

Date: October 12, 2009

Town of Arapahoe

Date: June 3, 2010

Town of Bayboro

Date: October 20, 2009

Town of Minnesott Beach

Date: November 10, 2009

Town of Oriental

Date: October 6, 2009

Town of Vandemere

Date: October 19, 2009

NC Department of Transportation

Date: March 4, 2010

Endorsed by:

Down East RPO

Date: December 1, 2009

Recommended by:

Transportation Planning Branch

Date: January 28, 2010

Adoption Sheet



Pamlico County

North Carolina

Comprehensive Transportation Plan

Plan date: September 30, 2009

Sheet 1

Adoption Sheet

Sheet 2

Highway Map

Sheet 3

Public Transportation
and Rail Map

Sheet 4

Bicycle Map

Sheet 5

Pedestrian Map

Legend

Pamlico Roads

County Boundary

Rivers and Streams

Town Boundary

Existing Ferry

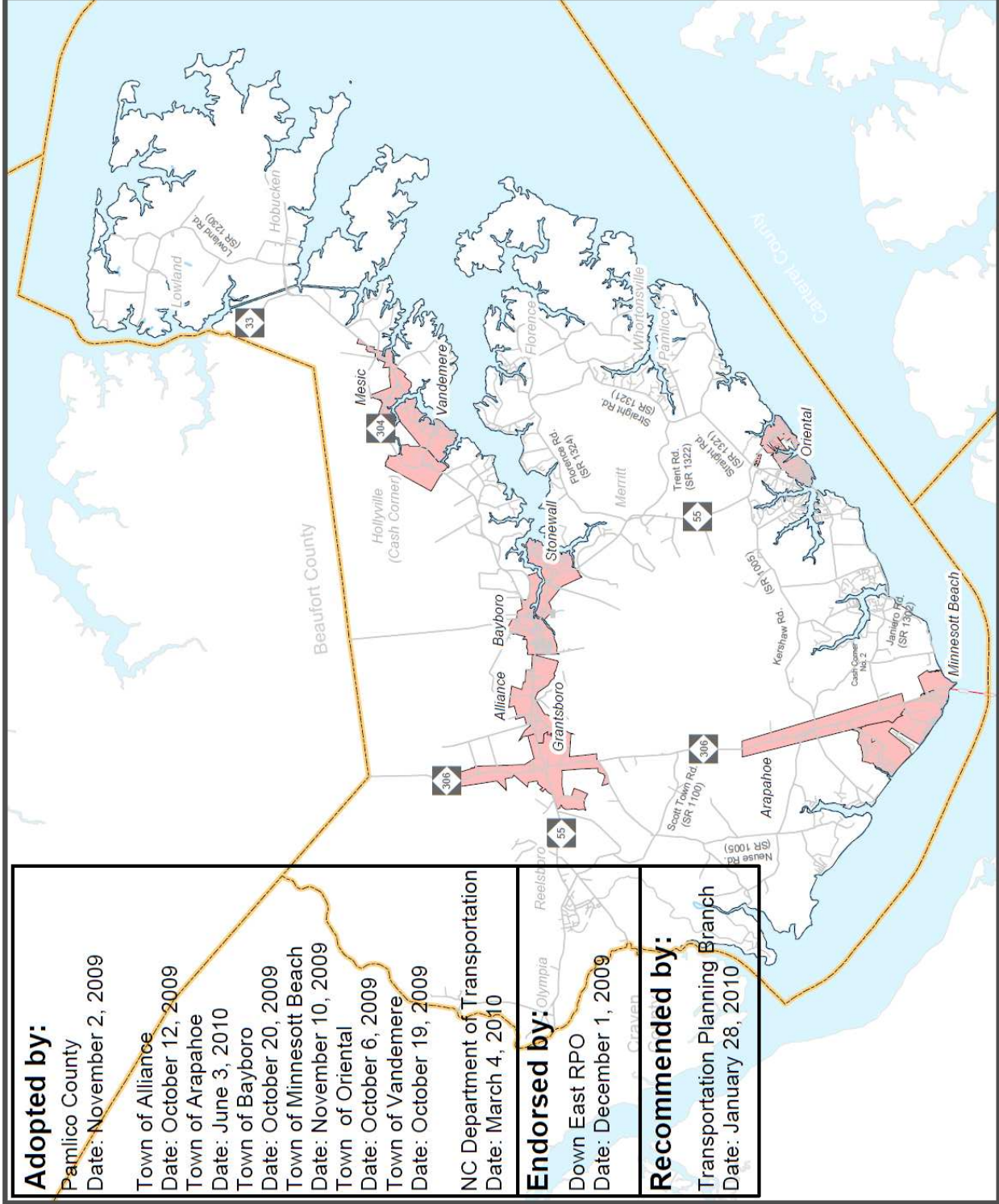
0 0.5 1 2 3 4 5 6
Miles



Figure 1 (Sheet 1 of 5)

Base map date: July 31, 2008

Refer to CTP document for more details



Highway Map



Pamlico County

Comprehensive

Transportation Plan

Plan date: September 30, 2009

Freeways

- Existing
- Needs Improvement
- Recommended

Expressways

- Existing
- Needs Improvement
- Recommended

Boulevards

- Existing
- Needs Improvement
- Recommended

Other Major Thoroughfares

- Existing
- Needs Improvement
- Recommended

Minor Thoroughfares

- Existing
- Needs Improvement
- Recommended

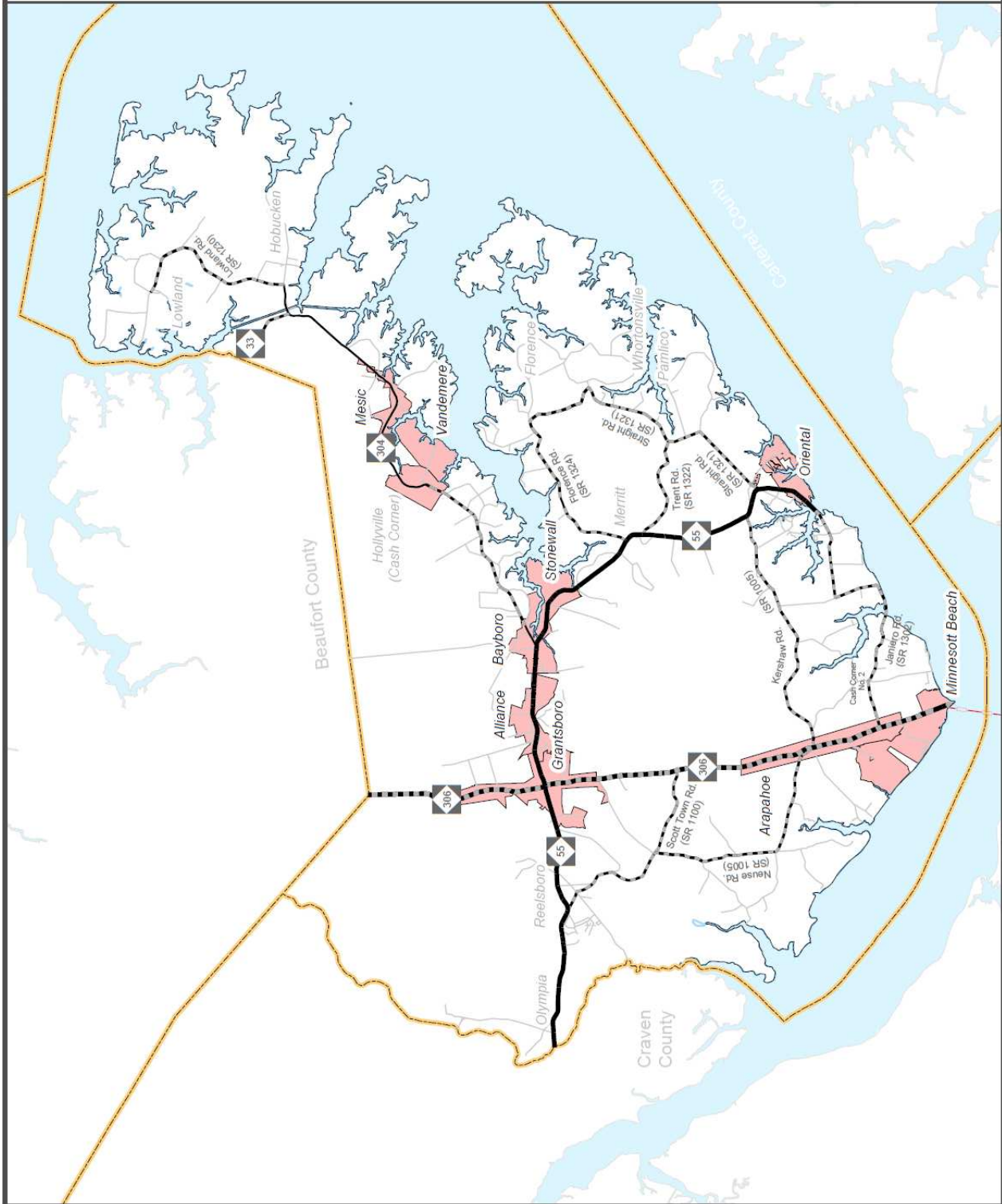
- Existing Interchange
- Proposed Interchange
- Existing Grade Separation
- Proposed Grade Separation

- Existing Ferry

0.0 0.5 1 2 3 4 5 6 Miles



Figure 1 (Sheet 2 of 5)
Base map date: July 31, 2008
Refer to CTP document for more details



Public Transportation and Rail Map



Pamlico County

Comprehensive Transportation Plan

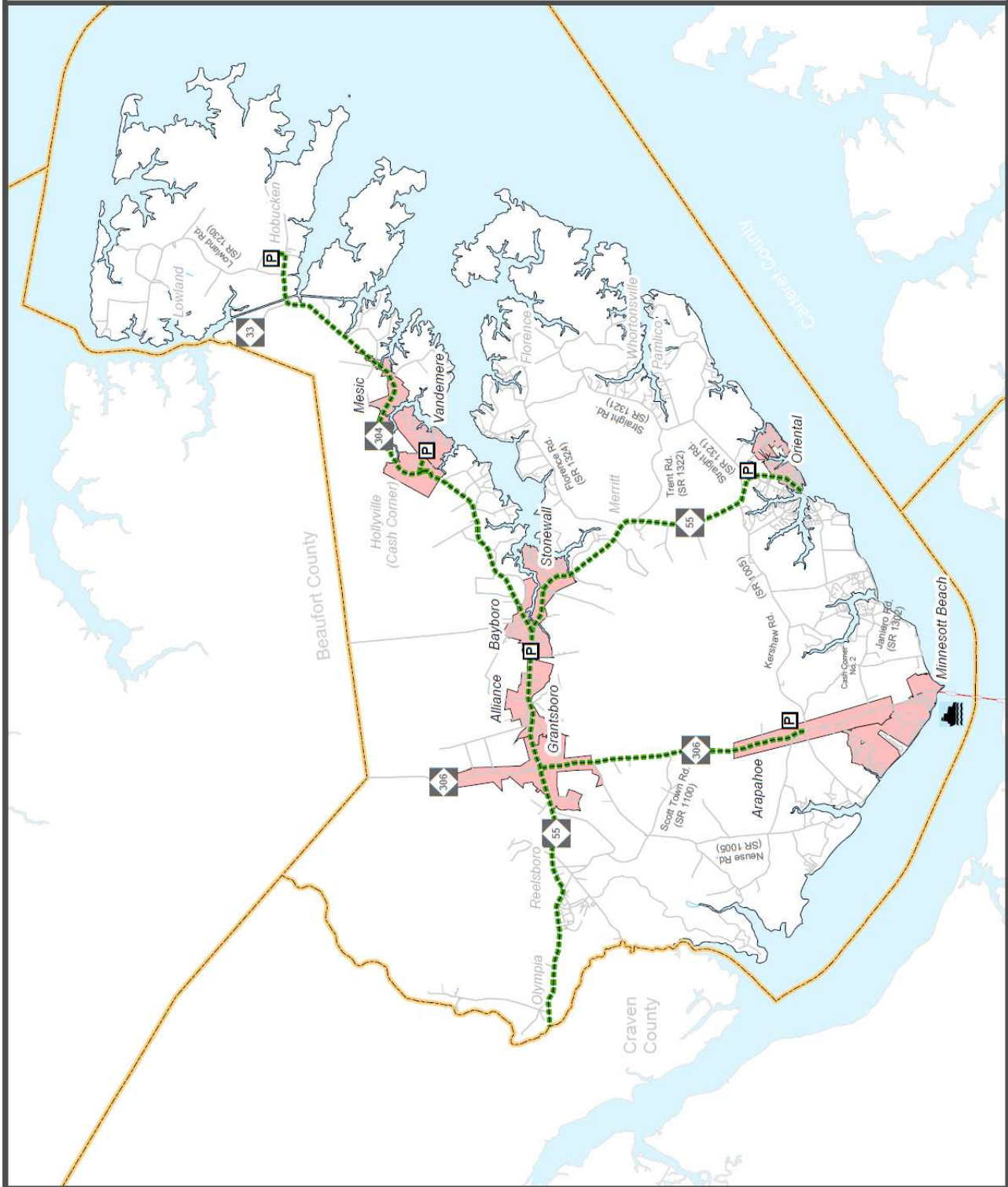
Plan date: September 30, 2009

- Bus Routes**
 - Existing (solid green line)
 - Needs Improvement (dashed green line)
 - Recommended (dotted green line)
- Fixed Guideway**
 - Existing (blue line with cross-ticks)
 - Needs Improvement (blue line with cross-ticks)
 - Recommended (blue line with cross-ticks)
- Operational Strategies**
 - Existing (brown line with cross-ticks)
 - Needs Improvement (brown line with cross-ticks)
 - Recommended (brown line with cross-ticks)
- Park and Ride Lot**
 - Existing (blue square with 'P')
 - Recommended (blue square with 'P')
- Existing Ferry** (red line with cross-ticks)

0 0.5 1 2 3 4 5 6 Miles



Figure 1 (Sheet 3 of 5)
Base map date: July 31, 2008
Refer to CTP document for more details



Pedestrian Map



Pamlico County

Comprehensive Transportation Plan

Plan date: September 30, 2009

- Sidewalks
 - Existing
 - Needs Improvement
 - Recommended
- Off-road
 - Existing
 - Needs Improvement
 - Recommended
- Multi-Use Paths
 - Existing
 - Needs Improvement
 - Recommended
- Existing Grade Separation
- Proposed Grade Separation
- Existing Ferry
- Schools

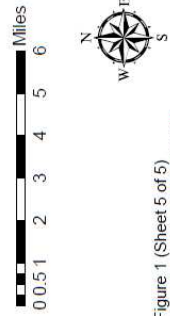
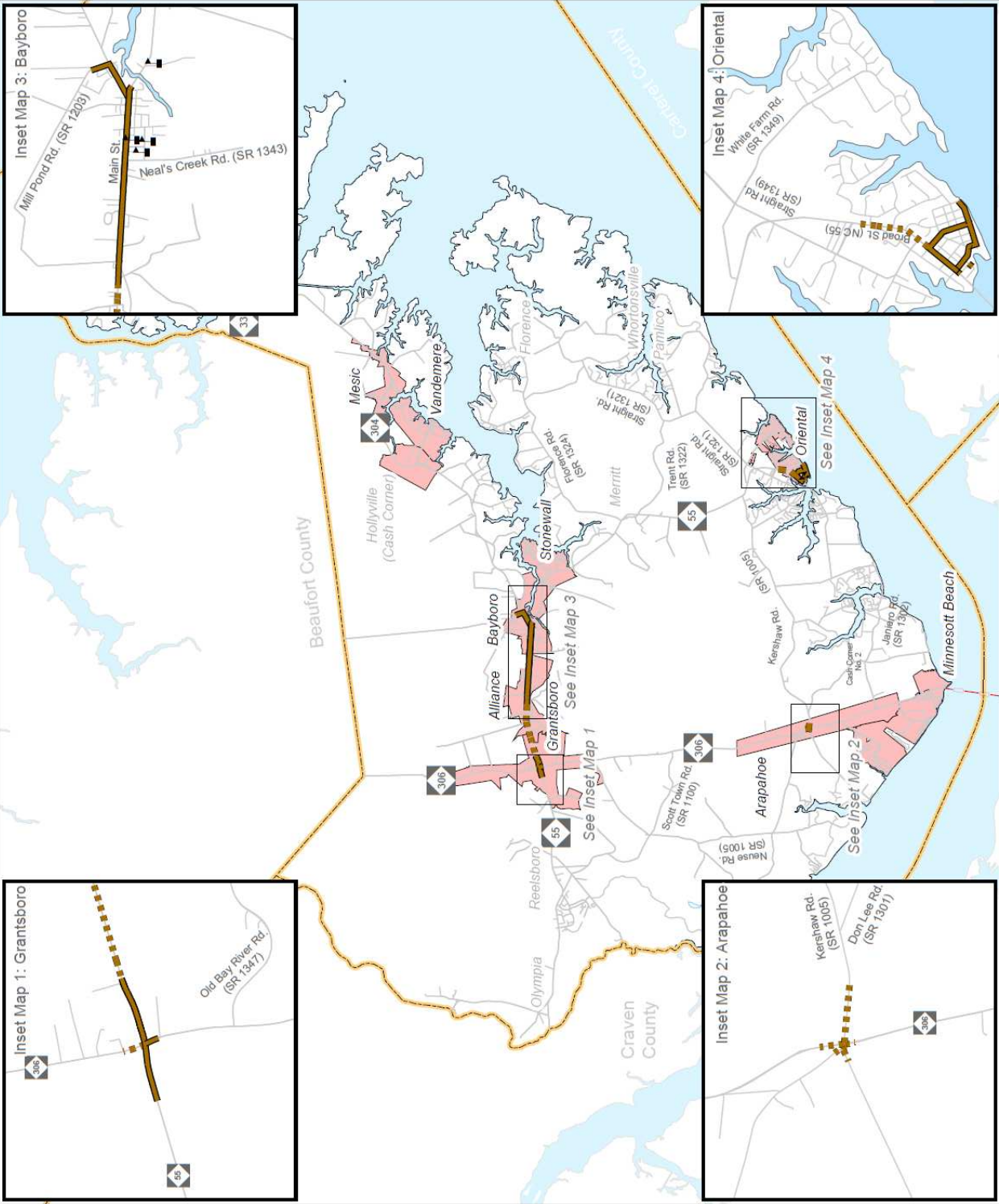


Figure 1 (Sheet 5 of 5)
Base map date: July 31, 2008
Refer to CTP document for more details



Hyde County Comprehensive Transportation Plan Vision & Goals

Vision

To provide a multimodal transportation system that enhances the quality of life in Hyde County and promotes safety, reliability, efficiency and connectivity, while encouraging sustainable economic growth that is compatible with the environmental and land use patterns.

Goals

1. Ensure the integrity of the existing transportation system by encouraging planned and strategic development.
2. Provide a means of identifying and prioritizing transportation system needs on a local and regional scale.
3. Promote roadways that allow and encourage alternative modes of transportation such as walking and biking.
4. Educate the public on general transportation issues as well as alternative forms of transportation.
5. Encourage identification and consideration of sustainable practices and environment sensitivity.
6. Preserve right of way construction of future transportation facilities.
7. Provide a well-designed highway system supportive of economic agriculture development and efficient land development.
8. Create better connectivity and mobility throughout the county.
9. Explore more ferry options between Ocracoke and the mainland.
10. Improve the Hyde County airport facility to meet general aviation needs and to provide transportation service in support of agriculture, tourism, seafood and other local industries.

Hyde County Comprehensive Transportation Plan Survey



Dear Hyde County Resident:

We need YOUR input!

Hyde County, the NC Department of Transportation and partners are working to develop a Comprehensive Transportation Plan for Hyde County. It will recommend improvements for highways, public transportation, and bicycle and pedestrian facilities over the next 25 to 30 years. Though it may take some time to fund these projects, we need your help in deciding which projects you feel should be a priority.

A key part of both the plan and the information gathering process is citizen input. We are asking for a few minutes of your time to complete a survey so that your opinion can be heard. The final plan, a Comprehensive Transportation Plan, will provide a 'road map' for a sustainable future in Hyde County.

Please take a few minutes to fill out this survey and reply by INSERT DATE. All answers are ANONYMOUS and will only be used for the purpose of public input for this plan.

Thank you for your participation! The survey results will be available in DATE, located on the Hyde County Planning Department website. Please call Lauren Nicholls at 919.733.4705 ext. 28 or email her at lnnicholls@ncdot.gov with any questions or if you wish to receive more information about this transportation plan.

Sincerely,

Hyde County
Albemarle Planning Organization
North Carolina Department of Transportation - Transportation Planning Branch

Hyde County Comprehensive Transportation Plan Survey

1. How many people live in your household?

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5 or more

2. How many licensed drivers are in your household?

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5 or more

3. How many operational automobiles area in your household?

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5 or more

Other (please specify)

4. Do you live in Hyde County?

☐ Yes

☐ No

What is your zip code?

5. On average, how much time do you live in Hyde County each year?

☐ 0-3 months

☐ 3-6 months

☐ 6-9 months

☐ 9-12 months

☐ Full Time

Other (please specify)

6. Are there areas where you would like to see sidewalks constructed or improved?

☐ Yes

☐ No

If yes, where:

7. Would you use on-road bike lanes and/or wide shoulders?

☐ Yes

☐ No

If yes, where:

8. Are there areas where you would like to have access improved?

☐ No

☐ Yes

If yes, where:

9. Please rate the importance of each goal.

	High	Medium	Low	Very Low
More Transportation Choices (More ways to get to places - buses sidewalks, trains, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faster Travel Times (High speed roads with more lanes and fewer intersections.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Economic Growth (New and improved roads and railways to attract and expand business.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increased Public Transit Options (Bus service to more destinations, park-n-ride lots, more ferry options.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community and Rural Culture Preservation (Keep business downtown, protect existing neighborhoods, preserve landscape.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental Protection (Protect wetlands, streams and wildlife. Reduce air pollution and noise.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Care for Special Needs Citizens (Better transportation for elderly, low-income, and disabled residents.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improved Access (Better connections to employment, schools, and services.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. What do you consider to be the most significant transportation issue in Hyde County?

11. How did you find out about the survey?

12. If you wish to stay informed during the Hyde County Comprehensive Transportation Plan, please provide your email address (your information will remain confidential):

This is a survey of Hyde County and North Carolina Department of Transportation (NCDOT). It will be used to help design a *Transportation Plan* for the town and surrounding area and help us understand the transportation needs of citizens.

The survey should take less than 5 minutes of your time. Your answers will be completely anonymous. If you have any questions about the survey, please contact us at lmnicholls@ncdot.gov or call 919-733-4705. **Thanks!**

Mail completed
survey to →

Steven Lambert – Albemarle Commission
512 S. Church St.
Hertford, NC 27944

Section One

- | | 1 | 2 | 3 | 4 | 5 or more |
|---|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|------------------------------------|
| 1 How many people live in your household? | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 2 How many licensed drivers are in your household? | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 3 How many operational automobiles are in your household? | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 4 Do you live in Hyde County? Yes <input type="radio"/> No <input type="radio"/> What is your zip code? _____ | | | | | |
| 5 On average, how much time do you live in Hyde County each year? | 0-3 months
<input type="radio"/> | 3-6 months
<input type="radio"/> | 6-9 months
<input type="radio"/> | 9-12 months
<input type="radio"/> | Full Time
<input type="radio"/> |

Section Two

- | | Yes <input type="radio"/> | If yes where? → | No <input type="radio"/> |
|---|---------------------------|-----------------|--------------------------|
| 6 Are there areas where you would like to see sidewalks constructed or improved? | <input type="radio"/> | → | <input type="radio"/> |
| 7 Would you use on-road bike lanes and/or wide shoulders? | <input type="radio"/> | → | <input type="radio"/> |
| 8 Are there areas where you would like to have access improved? | <input type="radio"/> | → | <input type="radio"/> |

Section Three - Please rate the importance of each goal.

- | | High | Medium | Low | Very Low |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
| 9 More transportation choices
<i>More ways to get to places - buses, sidewalks, trains, etc.</i> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 10 Faster travel times
<i>High speed roads with more lanes and fewer intersections.</i> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 11 Economic Growth
<i>New and improved roads and railways to attract and expand business.</i> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 12 Increased Public Transit Options
<i>Bus service to more destinations. Park-n-Ride lots for carpooling.</i> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 13 Community and Rural Culture Preservation
<i>Keep business downtown. Protect existing neighborhoods. Preserve landscape.</i> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 14 Environmental Protection
<i>Protect wetlands, streams and wildlife. Reduce air and noise pollution.</i> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 15 Care for Special Needs Citizens
<i>Better transportation for elderly, low-income, and disabled residents.</i> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 16 Improved Access
<i>Better connections to employment, schools, and services.</i> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

Section Four

- 17** What do you consider to be the major transportation issues in Hyde County?

- 18** How did you find out about the survey? _____
- 19** If you would like to stay informed during the Hyde County Comprehensive Transportation Plan, please provide your email (your information will remain confidential): _____